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June 29, 2006

Via Electronic Filing and Courier to
Mellon Bank

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

**Re: Request for Modification and Extension of Special Temporary Authority
and Request for Waiver of the Replication/Maximization Interference
Protection Deadline
FCC File No. BEDSTA-20060302ADM
KVMY-DT (formerly KVWB-DT), Las Vegas, Nevada (FIN: 10179)
MB Docket No. 03-15**

Dear Ms. Dortch:

KUPN Licensee, LLC, the permittee of KVMY-DT, Las Vegas, Nevada (the "Station"), hereby seeks modification and extension of the above-referenced authorization for Special Temporary Authority ("STA"), which was granted on May 15, 2006 and expires on July 1, 2006. In addition, the Station intends to submit an application for modification of its Construction Permit ("CP"), File No. BPCDT-19991014ABL. Grant of the STA modification and extension request is necessary to permit the Station to continue to meet its DTV service commitment pending FCC action on the CP modification application. Because the Station's operations under the modified STA meet the applicable replication/maximization requirements but the CP modification application will not likely be granted by July 1, 2006, the Station requests a waiver of its

Marlene H. Dortch
June 29, 2006
Page 2

replication/maximization interference protection deadline, as instructed by the FCC's recent Public Notice.¹

Attached hereto are the following items:

Tech Box of Section III (DTV engineering) of FCC Form 301 providing the technical parameters requested,

Preparer's Certification (Section III) of the FCC Form 301,

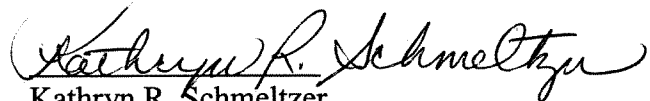
An Anti-Drug Certification,

FCC Form 159, and

A check payable to the Federal Communications Commission in the amount of One Hundred and Fifty Dollars.

If there are any questions concerning this request, please communicate with the undersigned.

Very truly yours,



Kathryn R. Schmeltzer

Tony Lin

Counsel for KUPN Licensee, LLC

Attachments

cc: (by hand delivery w/attachments)
Keith Larson
Shaun Maher
Clay Pendarvis

533070-000-0042

¹ See DA 06-1255, at 4 (June 14, 2006).

FEDERAL COMMUNICATIONS COMMISSION
REMITTANCE ADVICE

(1) LOCKBOX # 358165		SPECIAL USE ONLY	
		FCC USE ONLY	
SECTION A - PAYER INFORMATION			
(2) PAYER NAME (if paying by credit card enter name exactly as it appears on the card) Sinclair Broadcast Group, Inc.		(3) TOTAL AMOUNT PAID (U.S. Dollars and cents) \$150.00	
(4) STREET ADDRESS LINE NO. 1 c/o Pillsbury Winthrop Shaw Pittman LLP, Attn. K. Schmeltzer			
(5) STREET ADDRESS LINE NO. 2 2300 N Street, N.W.			
(6) CITY Washington		(7) STATE DC	(8) ZIP CODE 20037
(9) DAYTIME TELEPHONE NUMBER (include area code) (202) 663-8217		(10) COUNTRY CODE (if not in U.S.A.)	
FCC REGISTRATION NUMBER (FRN) REQUIRED			
(11) PAYER (FRN) 0004331096		(12) FCC USE ONLY	
IF MORE THAN ONE APPLICANT, USE CONTINUATION SHEETS (FORM 159-C) COMPLETE SECTION BELOW FOR EACH SERVICE, IF MORE BOXES ARE NEEDED, USE CONTINUATION SHEET			
(13) APPLICANT NAME KUPN Licensee, LLC			
(14) STREET ADDRESS LINE NO. 1 c/o Pillsbury Winthrop Shaw Pittman LLP, Attn. K. Schmeltzer			
(15) STREET ADDRESS LINE NO. 2 2300 N Street, N.W.			
(16) CITY Washington		(17) STATE DC	(18) ZIP CODE 20037
(19) DAYTIME TELEPHONE NUMBER (include area code) (202) 663-8217		(20) COUNTRY CODE (if not in U.S.A.)	
FCC REGISTRATION NUMBER (FRN) REQUIRED			
(21) APPLICANT (FRN) 0004970646		(22) FCC USE ONLY	
COMPLETE SECTION C FOR EACH SERVICE, IF MORE BOXES ARE NEEDED, USE CONTINUATION SHEET			
(23A) CALL SIGN/OTHER ID KVMY-DT	(24A) PAYMENT TYPE CODE MGT	(25A) QUANTITY 1	
(26A) FEE DUE FOR (PTC) \$150.00	(27A) TOTAL FEE \$150.00	FCC USE ONLY	
(28A) FCC CODE 1 10179		(29A) FCC CODE 2	
(23b) CALL SIGN/OTHER ID	(24B) PAYMENT TYPE CODE	(25B) QUANTITY	
(26B) FEE DUE FOR (PTC)	(27B) TOTAL FEE	FCC USE ONLY	
(28B) FCC CODE 1		(29B) FCC CODE 2	
SECTION D - CERTIFICATION			
CERTIFICATION STATEMENT I, _____, certify under penalty of perjury that the foregoing and supporting information is true and correct to the best of my knowledge, information and belief. SIGNATURE _____ DATE _____			
SECTION E - CREDIT CARD PAYMENT INFORMATION			
MASTERCARD _____ VISA _____ AMEX _____ DISCOVER _____ ACCOUNT NUMBER _____ EXPIRATION DATE _____ I hereby authorize the FCC to charge my credit card for the service(s) authorization herein described. SIGNATURE _____ DATE _____			

Sinclair Broadcast Group, Inc.
10706 Beaver Dam Rd
Cockeysville, MD 21030

Wachovia Bank, N.A.
Silver Spring, Maryland 20900

65-7293
2550

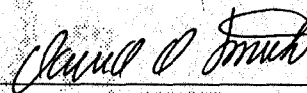
Check No. 115001983

Pay One Hundred Fifty Dollars And 00 Cents*****

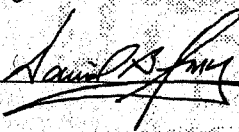
VENDOR NO	DATE	AMOUNT
431	16-JUN-06	\$*****150.00

To
The
Order
Of
FCC
WASHINGTON, DC

Authorized Signature



Authorized Signature



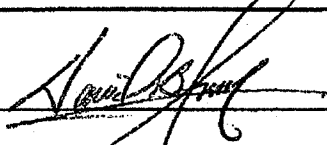
⑈115001983⑈ ⑆255072935⑆ 2079900105432⑈

ANTI-DRUG ABUSE ACT CERTIFICATION

The applicant certifies that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits pursuant to section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, or, in the case of a non-individual applicant (e.g. corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. §1.2002(b).

☒ Yes

☐ No

KUPN Licensee, LLC Name of Applicant	Signature 
Date 6/22/2006	Secretary, Treasurer of Sole Member Title

CARL T. JONES
CORPORATION

**TECHNICAL EXHIBIT
IN SUPPORT OF A REQUEST FOR
MODIFICATION OF
SPECIAL TEMPORARY AUTHORIZATION
BEDSTA-20060302ADM
DTV STATION
KVMY-DT – LAS VEGAS, NEVADA
CHANNEL 22 - 630 kW - 382.9 m HAAT**

JUNE 2006

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations. I hereby waive any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and request an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

Typed or Printed Name of Person Signing	Typed or Printed Title of Person Signing
Signature	Date

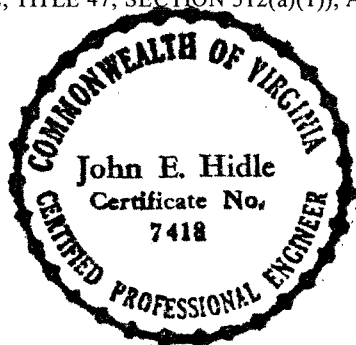
WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT
(U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT
(U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

SECTION III PREPARER'S CERTIFICATION

I certify that I have prepared Section III (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name	Relationship to Applicant (e.g., Consulting Engineer)	
John E. Hidle, P.E.	Consulting Engineer	
Signature	Date	
Mailing Address		
7901 Yarnwood Court		
City	State or Country (if foreign address)	ZIP Code
Springfield	Virginia	22153
Telephone Number (include area code)	E-Mail Address (if available)	
703-569-7704	jhidle@ctjc.com	

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT
(U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT
(U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).



SECTION III-D - DTV Engineering

Complete Questions 1-5 of the Certification Checklist and provide all data and information for the proposed facility, as requested in Technical Specifications, Items 1-13.

Certification Checklist: A correct answer of "Yes" to all of the questions below will ensure an expeditious grant of a construction permit. However, if the proposed facility is located within the Canadian or Mexican borders, coordination of the proposal under the appropriate treaties may be required prior to grant of the application. An answer of "No" will require additional evaluation of the applicable information in this form before a construction permit can be granted.

1. The proposed DTV facility complies with 47 C.F.R. Section 73.622 in the following respects:

- (a) It will operate on the DTV channel for this station as established in 47 C.F.R. Section 73.622. ☒ Yes ☐ No
- (b) It will operate from a transmitting antenna located within 5.0 km (3.1 miles) of the DTV reference site for this station as established in 47 C.F.R. Section 73.622. ☒ Yes ☐ No
- (c) It will operate with an effective radiated power (ERP) and antenna height above average terrain (HAAT) that do not exceed the DTV reference ERP and HAAT for this station as established in 47 C.F.R. Section 73.622. ☐ Yes ☒ No

2. The proposed facility will not have a significant environmental impact, including exposure of workers or the general public to levels of RF radiation exceeding the applicable health and safety guidelines, and therefore will not come within 47 C.F.R. Section 1.1307. ☒ Yes ☐ No

Applicant must **submit the Exhibit** called for in Item 13.

3. Pursuant to 47 C.F.R. Section 73.625, the DTV coverage contour of the proposed facility will encompass the allotted principal community. ☒ Yes ☐ No

4. The requirements of 47 C.F.R. Section 73.1030 regarding notification to radio astronomy installations, radio receiving installations and FCC monitoring stations have either been satisfied or are not applicable. ☒ Yes ☐ No

5. The antenna structure to be used by this facility has been registered by the Commission and will not require reregistration to support the proposed antenna, OR the FAA has previously determined that the proposed structure will not adversely effect safety in air navigation and this structure qualifies for later registration under the Commission's phased registration plan, OR the proposed installation on this structure does not require notification to the FAA pursuant to 47 C.F.R. Section 17.7. ☒ Yes ☐ No

SECTION III-D DTV Engineering**TECHNICAL SPECIFICATIONS**

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

TECH BOX

1. Channel Number: DTV 22 Analog TV, if any 21

2. Zone: ☐ I ☒ II ☐ III

3. Antenna Location Coordinates: (NAD 27)

36 ° 00 ' 28 " ☒ N ☐ S Latitude

115 ° 00 ' 24 " ☐ E ☒ W Longitude

4. Antenna Structure Registration Number: 1203429

☐ Not applicable

☐ FAA Notification Filed with FAA

5. Antenna Location Site Elevation Above Mean Sea Level: 1,018.3 meters

6. Overall Tower Height Above Ground Level: 67.1 meters

7. Height of Radiation Center Above Ground Level: 60.6 meters

8. Height of Radiation Center Above Average Terrain: 382.9 meters

9. Maximum Effective Radiated Power (average power): 630 kW

10. Antenna Specifications:

Manufacturer	Model
a. Dielectric	TUA-C4-12/48-1-R-T

b. Electrical Beam Tilt: 0.8 degrees ☐ Not Applicable

c. Mechanical Beam Tilt: _____ degrees toward azimuth _____ degrees True ☒ Not Applicable

Attach as an Exhibit all data specified in 47 C.F.R. Section 73.625(c).

Exhibit No.

d. Polarization: ☒ Horizontal ☐ Circular ☐ Elliptical

TECH BOX

e. Directional Antenna Relative Field Values: ☐ Not applicable (Nondirectional)

Rotation: _____° ☒ No rotation

Degree	Value	Degree	Value	Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	.933	60	.753	120	.693	180	.434	240	.761	300	.878
10	.790	70	.874	130	.593	190	.378	250	.870	310	.846
20	.767	80	.907	140	.421	200	.458	260	.908	320	.726
30	.8686	90	.850	150	.389	210	.617	270	.862	330	.790
40	.846	100	.748	160	.456	220	.679	280	.754	340	.951
50	.727	110	.699	170	.474	230	.672	290	.771	350	1.000
Additional Azimuths											

If a directional antenna is proposed, the requirements of 47 C.F.R. Section 73.625(c) must be satisfied. **Exhibit required.**

Exhibit No.
1-5

11. Does the proposed facility satisfy the interference protection provisions of 47 C.F.R. Section 73.623(a)? (Applicable only if **Certification Checklist** Items 1(a), (b), or (c) are answered "No.") ☒ Yes ☐ No

If "No," attach as an Exhibit justification therefor, including a summary of any related previously granted waivers.

Exhibit No.

12. If the proposed facility will not satisfy the coverage requirement of 47 C.F.R. Section 73.625, attach as an Exhibit justification therefor. (Applicable only if **Certification Checklist** Item 3 is answered "No.")

Exhibit No.

13. **Environmental Protection Act. Submit in an Exhibit** the following:

Exhibit No.

- a. If **Certification Checklist** Item 2 is answered "Yes," a brief explanation of why an Environmental Assessment is not required. Also describe in the Exhibit the steps that will be taken to limit RF radiation exposure to the public and to persons authorized access to the tower site.

By checking "Yes" to **Certification Checklist** Item 2, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.

If **Certification Checklist** Item 2 is answered "No," an Environmental Assessment as required by 47 C.F.R. Section 1.1311.

PREPARER'S CERTIFICATION IN SECTION III MUST BE COMPLETED AND SIGNED.

CARL T. JONES
CORPORATION

**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF A REQUEST FOR
MODIFICATION OF
SPECIAL TEMPORARY AUTHORIZATION
BEDSTA-20060302ADM
DTV STATION
KVMY-DT – LAS VEGAS, NEVADA
CHANNEL 22 - 630 kW - 382.9 m HAAT**

Permittee: KUPN Licensee, LLC

I am a Consulting Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia. My education and experience are a matter of record with the Federal Communications Commission. I am a registered Professional Engineer in the Commonwealth of Virginia, Registration No. 7418, and in the State of New York, Registration No. 63418.

GENERAL

KUPN Licensee, LLC, permittee of DTV station KVMY-DT, channel 22, Las Vegas, Nevada, has authorized this office to prepare this statement, FCC Form 301 "tech box" and associated exhibits in support of a request, in accordance with policies set forth in the Commission's *Memorandum Opinion and Order on Reconsideration (MO&O)*¹, for a modification of its current Special Temporary Authorization, BEDSTA-20060302ADM, to operate with facilities different from those currently authorized and slightly different from those authorized in construction permit, BPCDT-19991014ABL. The DTV facilities proposed herein include a change in Effective Radiated Power, increased antenna Height

¹ *Memorandum Opinion and Order on Reconsideration* in MM Docket No. 00-39, 16 FCC Rcd 20594 (2001), paragraphs 34-36.

Above Average Terrain and a different transmitting antenna. The permittee has concluded that it is desirable to share a transmitting antenna with KFBT-DT, channel 29, Las Vegas, Nevada. The permittee seeks modification of its STA to reflect the use of the shared antenna, and is preparing an application for modification of its construction permit, to be filed before the Commission's use-it-or-lose-it deadline on July 1, 2006, specifying said antenna.

In order to continue to meet its DTV service commitment, KVMY-DT's permittee seeks modification of its current temporary authorization as herein requested. While seeking to commence DTV broadcasting according to the temporary authority herein requested, the permittee is preparing an application for modification of its construction permit to specify the DTV facilities as requested herein.

PROPOSED TECHNICAL PARAMETERS


Digital station KVMY-DT is authorized to operate with an Effective Radiated Power of 630 kW at an antenna height above average terrain of 368 meters using a Dielectric directional antenna, model TFU-26DSC/VP S180 DC. The permittee has determined that it is desirable to install a multi-channel Dielectric panel type antenna, model TUA-C4-12/48-1-R-T on its existing tower at a height above ground of 60.6 meters. The permittee proposes, during the pendency of the requested STA, to operate with an ERP of 630 kW and a HAAT of 382.9 meters. The pertinent technical parameters are shown in the attached FCC Form 301 "tech box". The shared antenna's horizontal azimuth pattern and

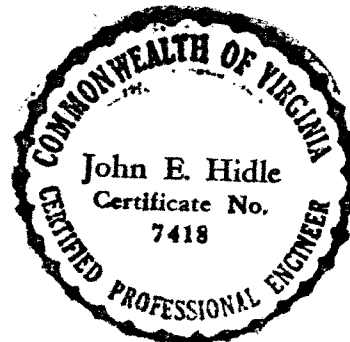
elevation pattern and both tabulations are also shown in the attached exhibits one through five.

SUMMARY

It is submitted that the request for modification of Special Temporary Authorization, as described herein, complies with the policies, rules and regulations of the Federal Communications Commission. This statement, the FCC Form 301 "tech box" and the associated exhibits were prepared by me or under my direct supervision and are believed to be true and correct to the best of my knowledge and belief.

Dated: June 20, 2006


John E. Hidle, P.E.





Proposal Number
Date
Call Letters
Location
Customer
Antenna Type

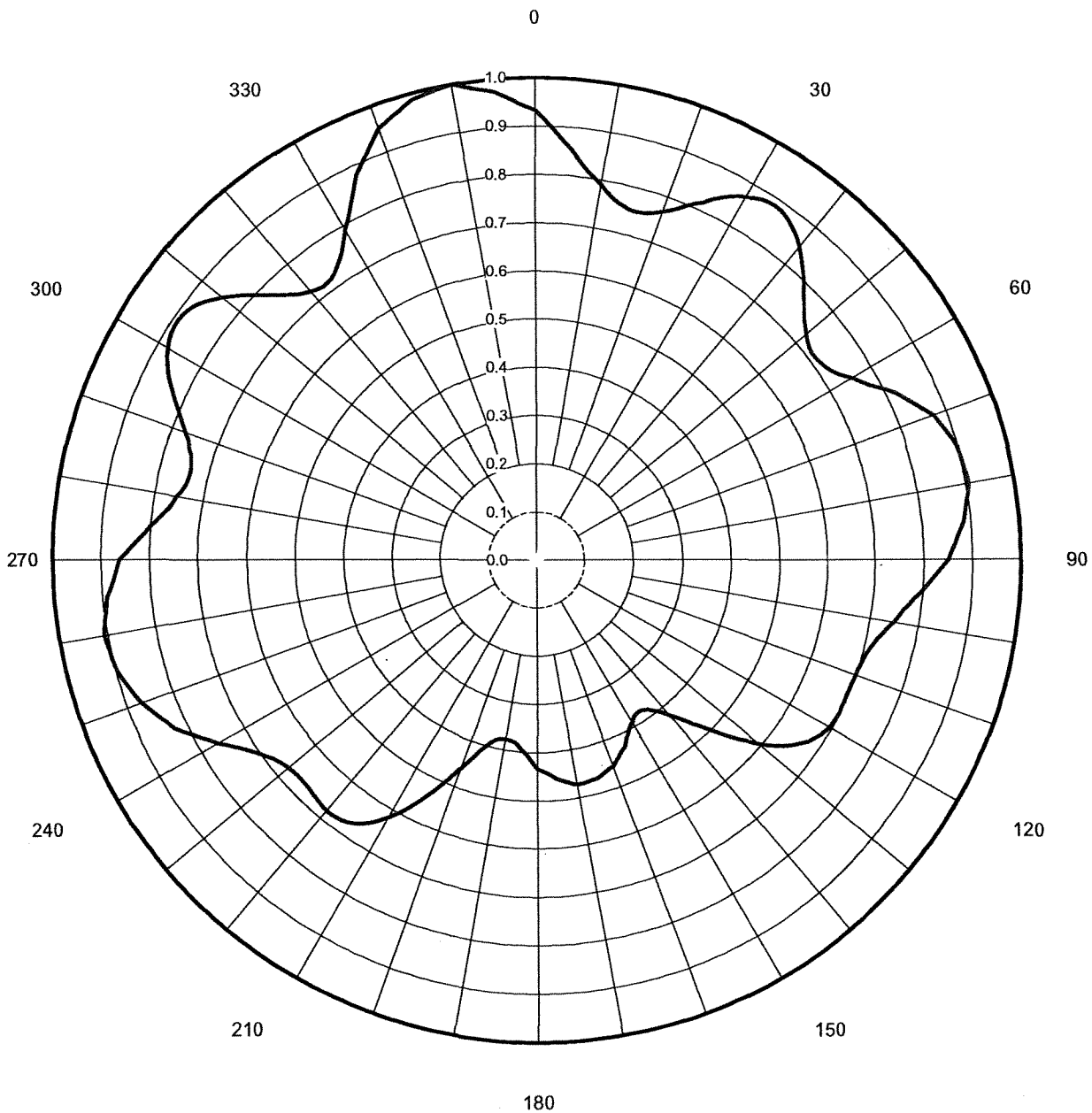
DCA-9668
20-Dec-01
KVWB & KFBT
Las Vegas, NV
Sinclair
TUA-C4-12/48-1-R-T

Revision: **2**
Exhibit ONE
Channel **22**

AZIMUTH PATTERN

Gain **1.81** **(2.57 dB)**
Calculated / Measured **Calculated**

Frequency **521.00 MHz**
Drawing # **TUA-C4-521**





Proposal Number
Date
Call Letters
Location
Customer
Antenna Type

DCA-9668
20-Dec-01
KVWB & KFBT
Las Vegas, NV
Sinclair
TUA-C4-12/48-1-R-T

Revision: **2**
Exhibit TWO
Channel **22**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **TUA-C4-521**

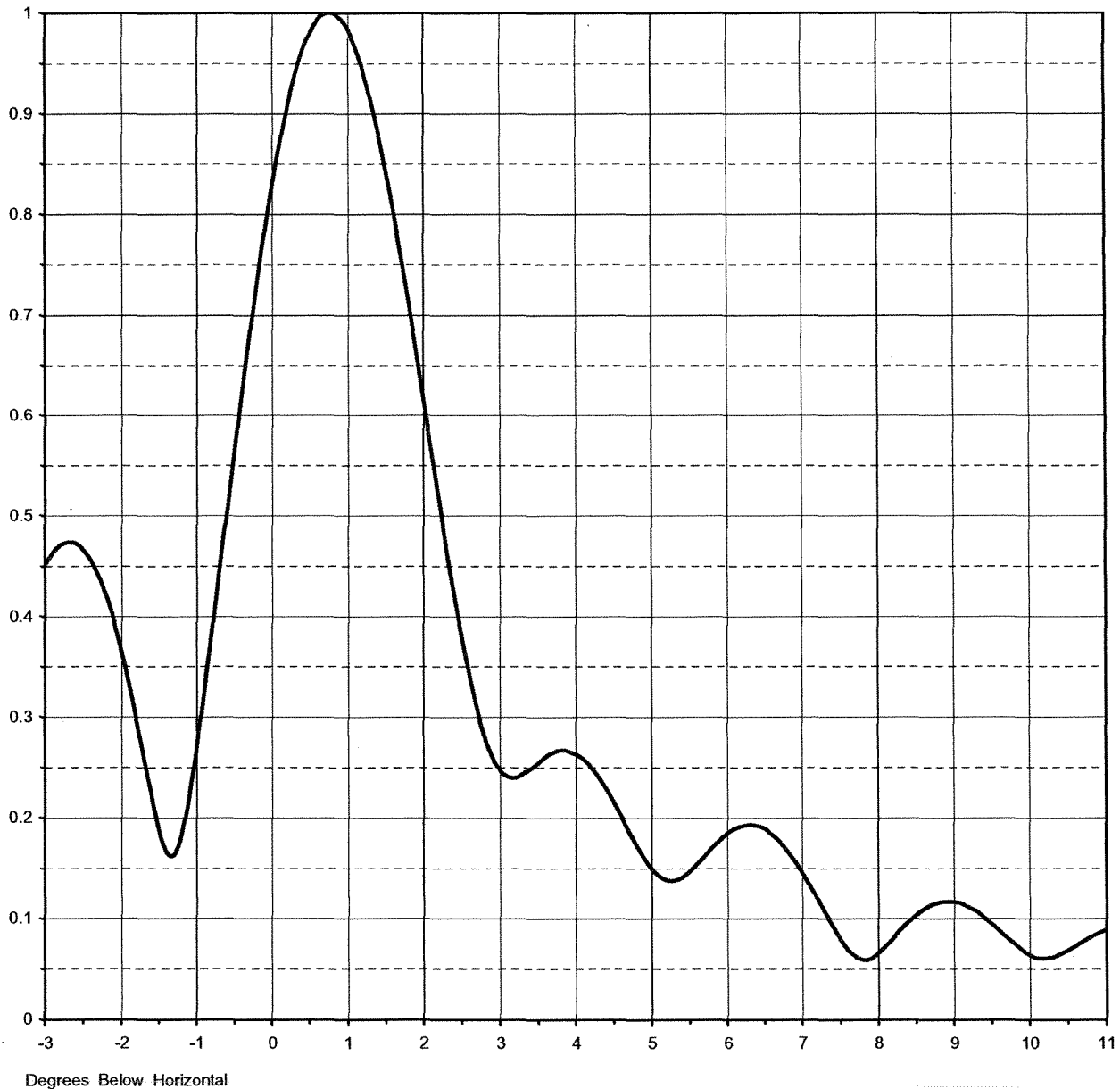
Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.933	45	0.781	90	0.850	135	0.499	180	0.434	225	0.670	270	0.862	315	0.775
1	0.916	46	0.768	91	0.838	136	0.482	181	0.424	226	0.669	271	0.849	316	0.763
2	0.900	47	0.756	92	0.826	137	0.465	182	0.415	227	0.668	272	0.835	317	0.751
3	0.884	48	0.745	93	0.815	138	0.449	183	0.407	228	0.668	273	0.822	318	0.741
4	0.869	49	0.735	94	0.805	139	0.434	184	0.399	229	0.670	274	0.811	319	0.732
5	0.855	50	0.727	95	0.795	140	0.421	185	0.393	230	0.672	275	0.800	320	0.726
6	0.839	51	0.720	96	0.783	141	0.409	186	0.387	231	0.675	276	0.787	321	0.721
7	0.824	52	0.715	97	0.773	142	0.399	187	0.382	232	0.679	277	0.776	322	0.719
8	0.810	53	0.711	98	0.764	143	0.390	188	0.378	233	0.685	278	0.767	323	0.719
9	0.799	54	0.711	99	0.755	144	0.384	189	0.377	234	0.692	279	0.760	324	0.722
10	0.790	55	0.713	100	0.748	145	0.380	190	0.378	235	0.702	280	0.754	325	0.728
11	0.778	56	0.716	101	0.738	146	0.378	191	0.378	236	0.711	281	0.747	326	0.736
12	0.768	57	0.722	102	0.730	147	0.377	192	0.380	237	0.721	282	0.741	327	0.746
13	0.761	58	0.730	103	0.723	148	0.379	193	0.384	238	0.733	283	0.738	328	0.758
14	0.755	59	0.740	104	0.717	149	0.383	194	0.389	239	0.746	284	0.737	329	0.773
15	0.751	60	0.753	105	0.711	150	0.389	195	0.396	240	0.761	285	0.738	330	0.790
16	0.751	61	0.763	106	0.707	151	0.393	196	0.406	241	0.772	286	0.741	331	0.805
17	0.752	62	0.774	107	0.704	152	0.400	197	0.418	242	0.785	287	0.746	332	0.821
18	0.755	63	0.788	108	0.701	153	0.408	198	0.431	243	0.798	288	0.753	333	0.839
19	0.761	64	0.802	109	0.700	154	0.417	199	0.444	244	0.813	289	0.761	334	0.859
20	0.767	65	0.818	110	0.699	155	0.428	200	0.458	245	0.828	290	0.771	335	0.880
21	0.776	66	0.828	111	0.698	156	0.432	201	0.474	246	0.835	291	0.781	336	0.893
22	0.786	67	0.839	112	0.697	157	0.437	202	0.491	247	0.843	292	0.793	337	0.907
23	0.796	68	0.850	113	0.697	158	0.443	203	0.508	248	0.852	293	0.805	338	0.921
24	0.807	69	0.862	114	0.697	159	0.449	204	0.524	249	0.861	294	0.817	339	0.936
25	0.818	70	0.874	115	0.697	160	0.456	205	0.540	250	0.870	295	0.829	340	0.951
26	0.830	71	0.878	116	0.698	161	0.458	206	0.558	251	0.875	296	0.841	341	0.958
27	0.842	72	0.883	117	0.698	162	0.461	207	0.574	252	0.881	297	0.852	342	0.965
28	0.852	73	0.888	118	0.697	163	0.463	208	0.590	253	0.886	298	0.863	343	0.973
29	0.861	74	0.894	119	0.695	164	0.467	209	0.604	254	0.892	299	0.871	344	0.980
30	0.868	75	0.900	120	0.693	165	0.470	210	0.617	255	0.898	300	0.878	345	0.988
31	0.876	76	0.901	121	0.690	166	0.471	211	0.630	256	0.900	301	0.884	346	0.990
32	0.881	77	0.902	122	0.686	167	0.471	212	0.642	257	0.902	302	0.889	347	0.993
33	0.884	78	0.903	123	0.680	168	0.472	213	0.652	258	0.904	303	0.891	348	0.995
34	0.884	79	0.905	124	0.673	169	0.473	214	0.661	259	0.906	304	0.891	349	0.997
35	0.883	80	0.907	125	0.663	170	0.474	215	0.667	260	0.908	305	0.888	350	1.000
36	0.879	81	0.902	126	0.652	171	0.470	216	0.673	261	0.904	306	0.884	351	0.994
37	0.874	82	0.897	127	0.640	172	0.466	217	0.676	262	0.900	307	0.877	352	0.989
38	0.866	83	0.892	128	0.626	173	0.462	218	0.678	263	0.897	308	0.868	353	0.984
39	0.857	84	0.888	129	0.610	174	0.459	219	0.679	264	0.894	309	0.858	354	0.979
40	0.846	85	0.884	130	0.593	175	0.456	220	0.679	265	0.891	310	0.846	355	0.974
41	0.834	86	0.876	131	0.575	176	0.450	221	0.678	266	0.883	311	0.833	356	0.965
42	0.822	87	0.869	132	0.556	177	0.445	222	0.676	267	0.877	312	0.819	357	0.956
43	0.808	88	0.862	133	0.537	178	0.441	223	0.674	268	0.871	313	0.804	358	0.947
44	0.795	89	0.856	134	0.518	179	0.437	224	0.672	269	0.866	314	0.790	359	0.940



Proposal Number	DCA-9668	Revision:	2
Date	20-Dec-01	Exhibit	THREE
Call Letters	KVWB & KFBT	Channel	22
Location	Las Vegas, NV		
Customer	Sinclair		
Antenna Type	TUA-C4-12/48-1-R-T		

ELEVATION PATTERN

RMS Gain at Main Lobe	21.80 (13.39 dB)	Beam Tilt	0.80 deg
RMS Gain at Horizontal	15.10 (11.79 dB)	Frequency	521.00 MHz
Calculated / Measured	Calculated	Drawing #	12U218075-B521

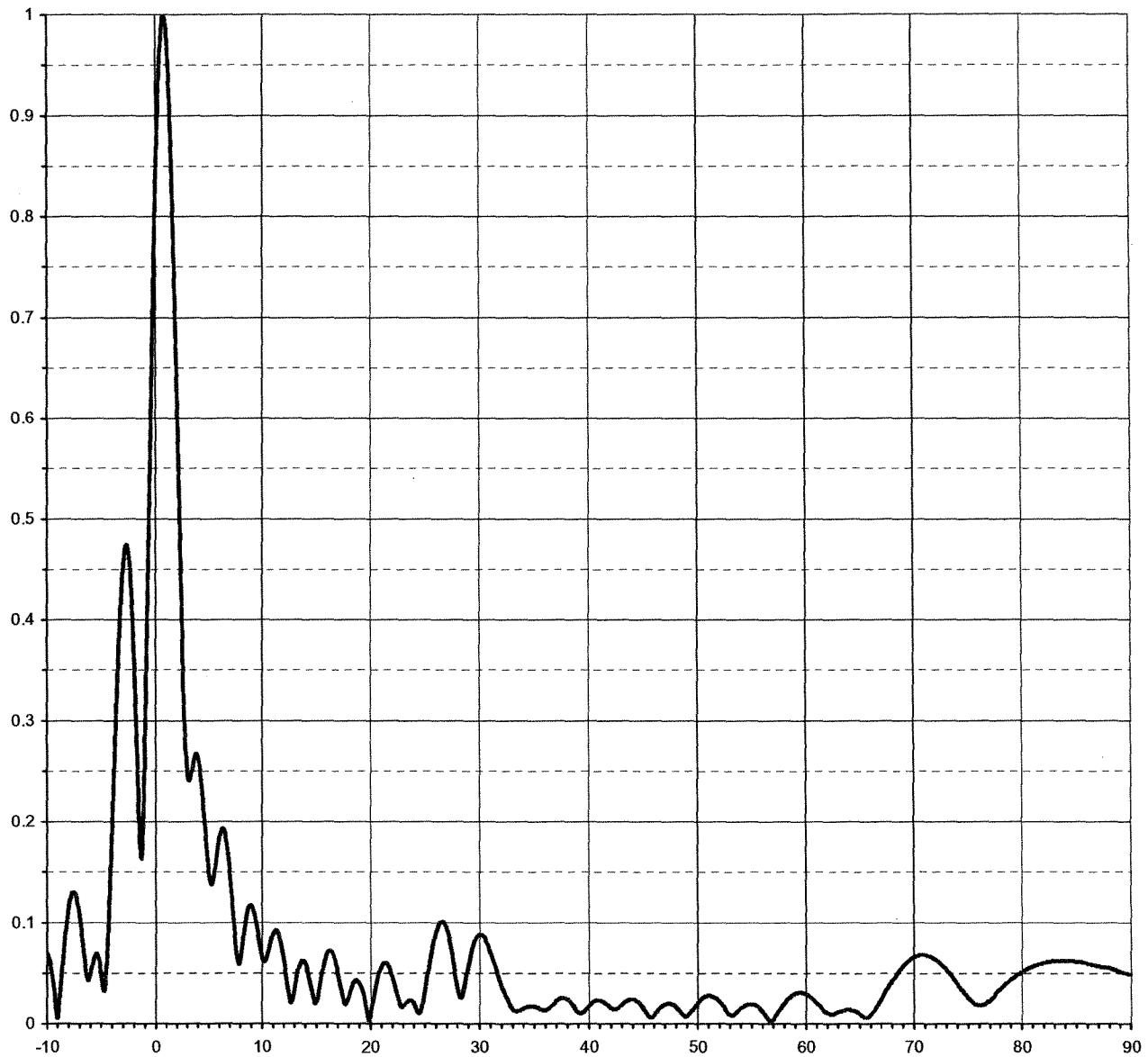




Proposal Number	DCA-9668	Revision:	2
Date	20-Dec-01	Exhibit	FOUR
Call Letters	KVWB & KFBT	Channel	22
Location	Las Vegas, NV		
Customer	Sinclair		
Antenna Type	TUA-C4-12/48-1-R-T		

ELEVATION PATTERN

RMS Gain at Main Lobe	21.80 (13.39 dB)	Beam Tilt	0.80 deg
RMS Gain at Horizontal	15.10 (11.79 dB)	Frequency	521.00 MHz
Calculated / Measured	Calculated	Drawing #	12U218075-B521-90



Degrees Below Horizontal



Proposal Number **DCA-9668** Revision: **2**
 Date **20-Dec-01** Exhibit **FIVE**
 Call Letters **KVWB & KFBT** Channel **22**
 Location **Las Vegas, NV**
 Customer **Sinclair**
 Antenna Type **TUA-C4-12/48-1-R-T**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **12U218075-B521-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.069	2.4	0.421	10.6	0.069	30.5	0.086	51.0	0.028	71.5	0.066
-9.5	0.045	2.6	0.339	10.8	0.078	31.0	0.072	51.5	0.026	72.0	0.063
-9.0	0.006	2.8	0.279	11.0	0.086	31.5	0.057	52.0	0.022	72.5	0.058
-8.5	0.067	3.0	0.247	11.5	0.090	32.0	0.040	52.5	0.016	73.0	0.052
-8.0	0.115	3.2	0.240	12.0	0.068	32.5	0.026	53.0	0.009	73.5	0.046
-7.5	0.130	3.4	0.249	12.5	0.030	33.0	0.016	53.5	0.009	74.0	0.039
-7.0	0.105	3.6	0.261	13.0	0.030	33.5	0.012	54.0	0.014	74.5	0.032
-6.5	0.058	3.8	0.267	13.5	0.056	34.0	0.014	54.5	0.018	75.0	0.025
-6.0	0.049	4.0	0.263	14.0	0.061	34.5	0.017	55.0	0.019	75.5	0.020
-5.5	0.069	4.2	0.250	14.5	0.041	35.0	0.017	55.5	0.017	76.0	0.018
-5.0	0.047	4.4	0.228	15.0	0.020	35.5	0.015	56.0	0.013	76.5	0.019
-4.5	0.063	4.6	0.201	15.5	0.044	36.0	0.013	56.5	0.006	77.0	0.023
-4.0	0.197	4.8	0.172	16.0	0.068	36.5	0.016	57.0	0.003	77.5	0.029
-3.5	0.346	5.0	0.149	16.5	0.071	37.0	0.022	57.5	0.011	78.0	0.034
-3.0	0.452	5.2	0.138	17.0	0.054	37.5	0.025	58.0	0.019	78.5	0.039
-2.8	0.471	5.4	0.141	17.5	0.027	38.0	0.024	58.5	0.025	79.0	0.044
-2.6	0.473	5.6	0.155	18.0	0.024	38.5	0.019	59.0	0.029	79.5	0.048
-2.4	0.455	5.8	0.171	18.5	0.040	39.0	0.012	59.5	0.031	80.0	0.051
-2.2	0.419	6.0	0.185	19.0	0.041	39.5	0.011	60.0	0.029	80.5	0.054
-2.0	0.364	6.2	0.192	19.5	0.025	40.0	0.016	60.5	0.026	81.0	0.057
-1.8	0.295	6.4	0.192	20.0	0.004	40.5	0.022	61.0	0.021	81.5	0.059
-1.6	0.220	6.6	0.183	20.5	0.033	41.0	0.023	61.5	0.015	82.0	0.060
-1.4	0.166	6.8	0.167	21.0	0.054	41.5	0.020	62.0	0.011	82.5	0.061
-1.2	0.184	7.0	0.145	21.5	0.060	42.0	0.016	62.5	0.009	83.0	0.062
-1.0	0.272	7.2	0.119	22.0	0.049	42.5	0.014	63.0	0.011	83.5	0.062
-0.8	0.388	7.4	0.092	22.5	0.029	43.0	0.018	63.5	0.013	84.0	0.062
-0.6	0.510	7.6	0.069	23.0	0.016	43.5	0.022	64.0	0.014	84.5	0.062
-0.4	0.629	7.8	0.059	23.5	0.022	44.0	0.024	64.5	0.012	85.0	0.061
-0.2	0.738	8.0	0.066	24.0	0.021	44.5	0.022	65.0	0.009	85.5	0.060
0.0	0.833	8.2	0.081	24.5	0.010	45.0	0.016	65.5	0.006	86.0	0.059
0.2	0.909	8.4	0.097	25.0	0.028	45.5	0.008	66.0	0.008	86.5	0.058
0.4	0.963	8.6	0.110	25.5	0.060	46.0	0.007	66.5	0.016	87.0	0.057
0.6	0.994	8.8	0.116	26.0	0.087	46.5	0.014	67.0	0.024	87.5	0.056
0.8	1.000	9.0	0.117	26.5	0.100	47.0	0.019	67.5	0.033	88.0	0.055
1.0	0.983	9.2	0.111	27.0	0.096	47.5	0.020	68.0	0.042	88.5	0.053
1.2	0.942	9.4	0.101	27.5	0.073	48.0	0.017	68.5	0.050	89.0	0.051
1.4	0.880	9.6	0.088	28.0	0.041	48.5	0.011	69.0	0.057	89.5	0.050
1.6	0.803	9.8	0.081	28.5	0.027	49.0	0.007	69.5	0.062	90.0	0.049
1.8	0.713	10.0	0.069	29.0	0.054	49.5	0.012	70.0	0.066		
2.0	0.615	10.2	0.061	29.5	0.077	50.0	0.019	70.5	0.068		
2.2	0.516	10.4	0.062	30.0	0.088	50.5	0.025	71.0	0.068		